| Work       | Order | ID | 57597                      |
|------------|-------|----|----------------------------|
| , , O I II |       |    | $ \cup$ $I$ $\cup$ $I$ $I$ |

Friday, April 09, 2010 1:31:13 PM



Page 1

Item ID:

D3836-042

Accept

Setup Start

Stop



**Revision ID:** 

Item Name:

Rib Assembly (Basket Lid, RH)

**Start Date:** 

4/12/2010

Start Oty: 2.00

Required Date: 4/15/2010 Req'd Qty: 2.00

**Cust Item ID:** 

**Customer:** 

Reference:

Approvals:

Process Plan: MF

Date: 10-4-9

Tooling:

Date:

Start Run

Stop

QC:

Date:

SPC (Y/N):

Date:

Accept

Reject

Reject

**Work Center ID Draw Nbr** 

Sequence ID/

Operation Description

**Revision Nbr** 

Rev A

Set Up/ **Run Hours** 

Draw Number Draw Rev.

Plan Code Qty Qty

Number Stamp

Insp.

D3836

100

Large Fab

Large Fab

Large Fab

0.00 0.00

Memo

1- cut D3836-2 and D3836-3 rib as per dwg D3836

2- remove identification markings

3- deburr

10-04-119

4- weld D3836-2 to D3836-3 and drill hole (3/16") using DT9447 jig and open to finish size as per dwg D3836

5- weld D2327-3 spacer bushing as per dwg D3836

A/R ER316 S.S. Rod Batch: 11679

6- grind weld flush where indicated on dwg

G(10.04.79

## **Dart Aerospace Ltd**

| W/O:                            |      |   | W                    | ORK ORDER CHANG              | ES             |                       |                                       |                               |                          |  |  |
|---------------------------------|------|---|----------------------|------------------------------|----------------|-----------------------|---------------------------------------|-------------------------------|--------------------------|--|--|
| DATE                            | STEP | PROCEDURE CHANGE                        |                      |                              |                | Date                  | Qty                                   | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |  |  |
|                                 |      |   |                      |                              |                |                       |                                       |                               |                          |  |  |
|                                 |      |   |                      |                              |                |                       |                                       |                               |                          |  |  |
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|                                 |      |   | ,                    | ,                            |                |                       |                                       |                               |                          |  |  |
| Part No: PAR #: Fault Category: |      |   |                      | _ NCR: Yes                   | No DQ          | A:                    | Date:                                 |                               |                          |  |  |
|                                 |      | Resolution: Disposition: Q              |                      |                              |                | QA: N/C Closed: Date: |                                       |                               |                          |  |  |
| NCR:                            |      |   | WORK ORD             | ER NON-CONFORM               | ANCE (NCF      | R)                    |                                       |                               |                          |  |  |
| DATE STEP                       |      |   |                      |                              | ion B          | Verific               | cation                                | Approval                      | Approval                 |  |  |
| DAIL                            | STEP | Section A                               | Initial<br>Chief Eng | Action Description Chief Eng | Sign 8<br>Date | Secti                 |                                       | Chief Eng                     | QC Inspector             |  |  |
|                                 |      |   |                      |                              |                |                       |                                       |                               | -                        |  |  |
|                                 |      |   |                      |                              |                |                       |                                       |                               |                          |  |  |
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|                                 |      |   |                      |                              |                |                       |                                       |                               | <u> </u>                 |  |  |

## Work Order ID 57597

Friday, April 09, 2010 1:31:13 PM



Page 2

Item ID:

D3836-042

Accept

Setup Start



**Revision ID:** 

Item Name:

Rib Assembly (Basket Lid, RH)

**Start Date:** 

4/12/2010

Start Qty: 2.00

**Required Date: 4/15/2010** 

Req'd Qty: 2.00



**Cust Item ID:** 

**Customer:** 

Reference:

Approvals:

Process Plan: \_\_\_\_\_ Date:

Tooling:

0.00

0.00

Date:

Start

Stop

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

130

Quality Control

Operation Description

QC9- Inspect visual per QSI004- Fusion Welds

Memo

Memo

Memo

Set Up/ **Run Hours** 

Draw Number Draw Plan Code Rev.

Accept Qty

Reject Qty

Run

Reject Number

D 10.04.30

Insp. Stamp

140 

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Sloulso 0.00

150

Packaging

Packaging

Identify as per dwg & Stock Location: 4

0.00 SAO

0.00

10-04-20

| <b>Dart Aerospace</b> |
|-----------------------|
|-----------------------|

| W/O:                                  |      |                          | WC                   | ES                           |              |              |                               |                          |  |  |  |  |
|---------------------------------------|------|--------------------------|----------------------|------------------------------|--------------|--------------|-------------------------------|--------------------------|--|--|--|--|
| DATE                                  | STEP | PRO                      | OCEDURE CHA          | NGE                          | Ву           | Date Qty     | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |  |  |  |  |
|                                       |      |                          |                      |                              |              |              |                               |                          |  |  |  |  |
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| Part No                               | :    | PAR #:                   | Fault Cate           | gory:                        | _ NCR: Yes I | No DQA:      | Date: _                       |                          |  |  |  |  |
|                                       |      | Resolution: Disposition: |                      |                              |              |              |                               |                          |  |  |  |  |
| NCR:                                  |      |                          | WORK ORDI            | ER NON-CONFORMA              | ANCE (NCR    | )            |                               |                          |  |  |  |  |
| DATE                                  | STEP | Description of NC        | <del></del>          | Corrective Action Section    |              | Verification | Approval                      | Approval                 |  |  |  |  |
| ·                                     |      | Section A                | Initial<br>Chief Eng | Action Description Chief Eng | Sign & Date  | Section C    | Chief Eng                     | QC Inspector             |  |  |  |  |
|                                       |      |                          |                      |                              |              |              |                               | -                        |  |  |  |  |
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|                                       |      |                          |                      |                              |              |              |                               |                          |  |  |  |  |

## Work Order ID 57597

Friday, April 09, 2010 1:31:13 PM



Page 3

Item ID:

**Revision ID:** 

Item Name:

D3836-042

Accept



Setup Start



Stop

**Start Date:** 

Required Date: 4/15/2010

4/12/2010

Start Qty: 2.00

Req'd Qty: 2.00

Rib Assembly (Basket Lid, RH)

**Cust Item ID:** 

**Customer:** 

Reference:

Process Plan: \_\_\_\_\_ Date: \_\_\_\_ Approvals:

QC:

Date:

Tooling:

SPC (Y/N):

Date: Date:\_ Run Start

Stop

Sequence ID/ Work Center ID

160

Operation Description

QC21- Final Inspection - Work Order Release

Memo

Set Up/ **Run Hours** 

0.00

Draw Number

Draw Plan Rev. Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

Quality Control

0.00

V ...

| Dart | <b>Aeros</b> | pace | Ltd |
|------|--------------|------|-----|
|------|--------------|------|-----|

|                                       | •   |                   |                  |                              |                |              |                     |                               |                          |
|---------------------------------------|---|-------------------|------------------|------------------------------|----------------|--------------|---------------------|-------------------------------|--------------------------|
| W/O:                                  | ·   |                   | ES               | <del></del> .                |                |              |                     |                               |                          |
| DATE                                  | STEP  | PR                | PROCEDURE CHANGE |                              |                |              | Qty                 | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |
|                                       |   |                   |                  |                              |                |              |                     |                               |                          |
| · · · · · · · · · · · · · · · · · · · |   |                   |                  |                              |                |              |                     |                               |                          |
|                                       | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- |                   |                  |                              |                |              |                     |                               |                          |
|                                       |   |                   |                  |                              |                |              |                     |                               |                          |
| Part No                               | •   | PAR #:            | Fault Categ      | jory:                        | NCR: Yes       | No <b>DQ</b> | A:                  | _ Date: _                     |                          |
|                                       | R   | esolution:        |                  |                              |                |              |                     | Date:                         |                          |
| NCR:                                  | ·   |                   | WORK ORDE        | R NON-CONFORMA               | NCE (NCF       | R)           |                     |                               |                          |
| DATE                                  | STEP  | Description of NC |                  |                              |                |              | rification Approval |                               | Approval                 |
|                                       |   | Section A         | Chief Eng        | Action Description Chief Eng | Sign 8<br>Date | Secti        | ion C               | Chief Eng                     | QC Inspector             |
|                                       |   |                   |                  |                              |                |              |                     | :                             | -                        |
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| *                                     |   |                   |                  |                              |                |              |                     |                               | ļ                        |
|                                       |   |                   |                  |                              |                |              |                     |                               |                          |

## **Picklist Print**

Friday, April 09, 2010 1:31:12 PM

Work Order ID: 57597

D3836-042

Parent Item Name: Rib Assembly (Basket Lid, RH)

Comments:

Parent Item:

IPP Rev:A 08-12-01 new issue DD verified by:eC



Start Date: 4/12/2010

Required Date: 4/15/2010

Page 1

Status

Required Qty: 2.00

Date

Issued

| Component Item ID/ | Replacement | Mfg/         |             |                     |                  |                 |                    |                | Start Qty: 2.00          |                |
|--------------------|-------------|--------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|--------------------------|----------------|
| item Name          | Item ID     | Purch        | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Remaining<br>Qty To Pick | Qty            |
| D2327-3            |             | Manufactured | No          |                     |                  | 100             | Each               | 31.0000        | 2.0000                   | Issued<br>———— |

Spacer Bushing

| Warehouse | Loc Oty | Loc Code         |
|-----------|---------|------------------|
| Location  |         | <u> Doc Code</u> |

Main Warehouse

· No

WA 55917 57186

31 11 20 100 f

362.8531 3.7491

10-04-19

| Warehouse<br>Location | Loc Qty     | Loc Code |
|-----------------------|-------------|----------|
| Main Warehouse        |             | V        |
| WA                    | 362.8530684 | •        |
| 111148                | 59          |          |

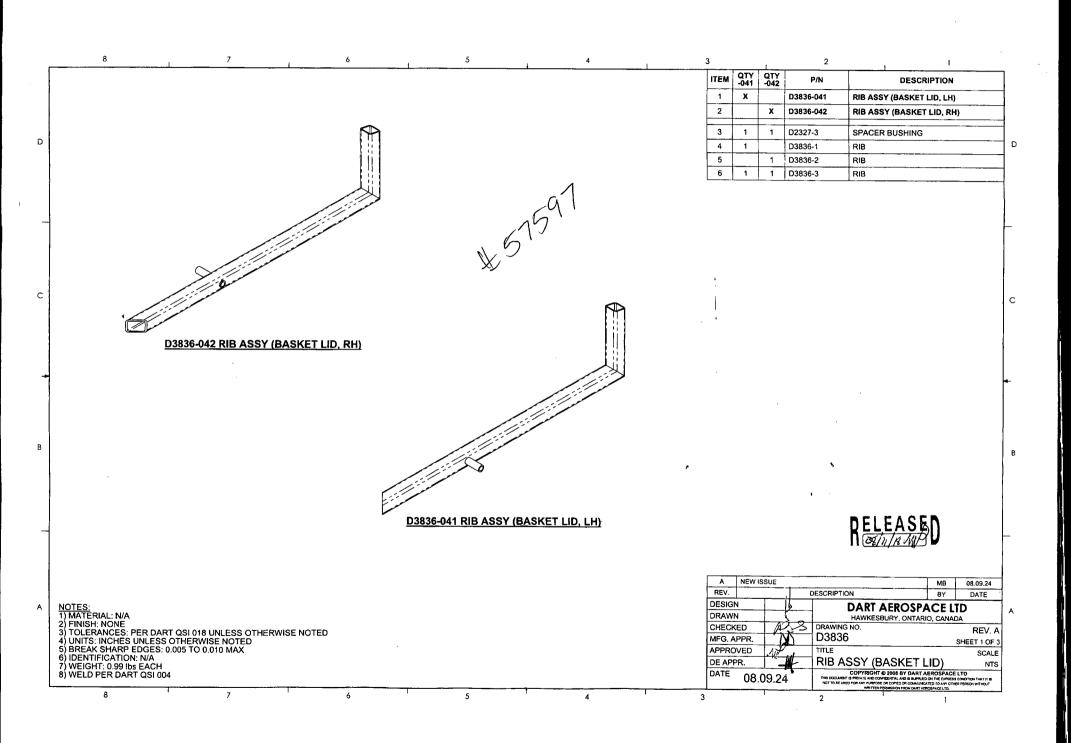
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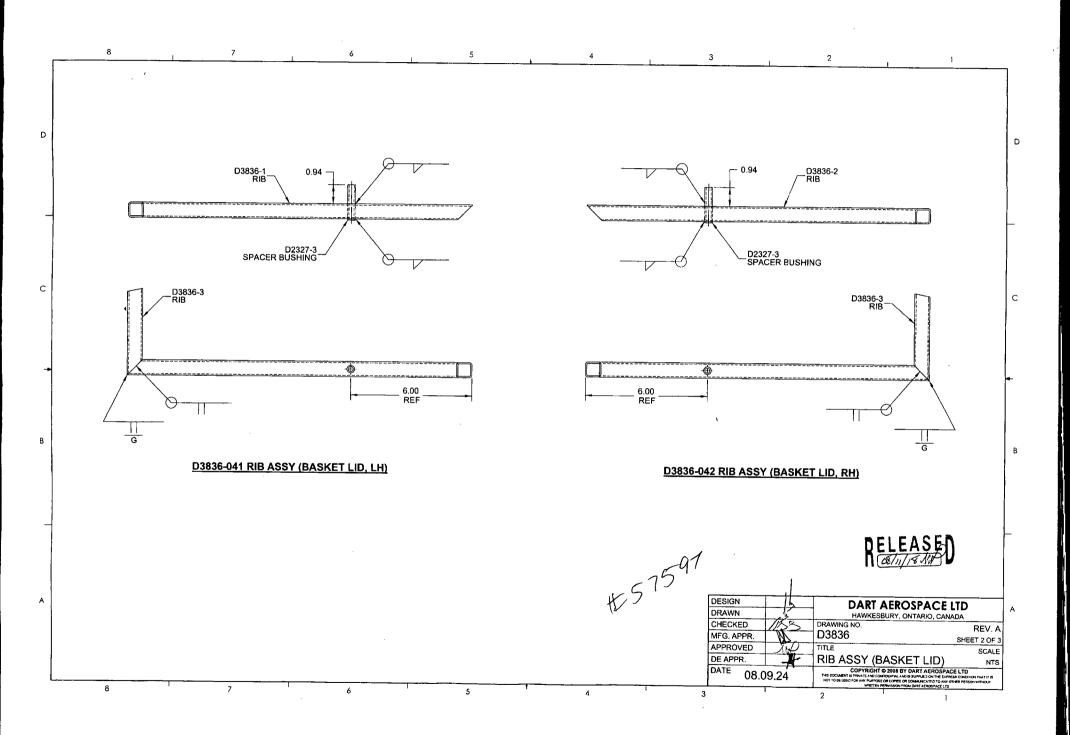
| Dart Aerospace Lt |
|-------------------|
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| W/O:    |      |                                | ES                    |                              | <del>,</del> |         |            |                               |                          |
|---------|------|--------------------------------|-----------------------|------------------------------|--------------|---------|------------|-------------------------------|--------------------------|
| DATE    | STEP | PRO                            | OCEDURE CH            | ANGE                         | Ву           | Date    | Qty        | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |
|         |      |                                |                       |                              |              |         |            |                               |                          |
|         |      |                                |                       |                              |              |         |            |                               |                          |
|         |      |                                |                       |                              |              |         |            |                               |                          |
| Part No | :    | PAR #:                         | Fault Cate            | egory:                       | NCR: Yes     | No DQ   | <b>A</b> : | Date:                         | ·                        |
|         | Re   | esolution:                     | QA: N/C Closed: Date: |                              |              |         |            |                               |                          |
| NCR:    |      | \                              | WORK ORD              | PER NON-CONFORMA             | ANCE (NCR    | )       | 200 200 1  |                               | - 11                     |
| DATE    | STEP | Description of NC<br>Section A | Initial               | on B                         |              |         | Approval   |                               |                          |
|         |      | Occilon A                      | Chief Eng             | Action Description Chief Eng | Date         | Section | on C       | Chief Eng                     | QC Inspector             |
|         |      |                                |                       |                              |              |         |            |                               | -                        |
|         |      |                                |                       |                              |              |         |            |                               |                          |
|         |      |                                |                       |                              |              |         |            |                               |                          |
|         |      |                                |                       |                              |              |         |            |                               |                          |
|         |      |                                |                       |                              |              |         |            |                               |                          |
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|         |      |                                |                       |                              |              |         |            |                               |                          |
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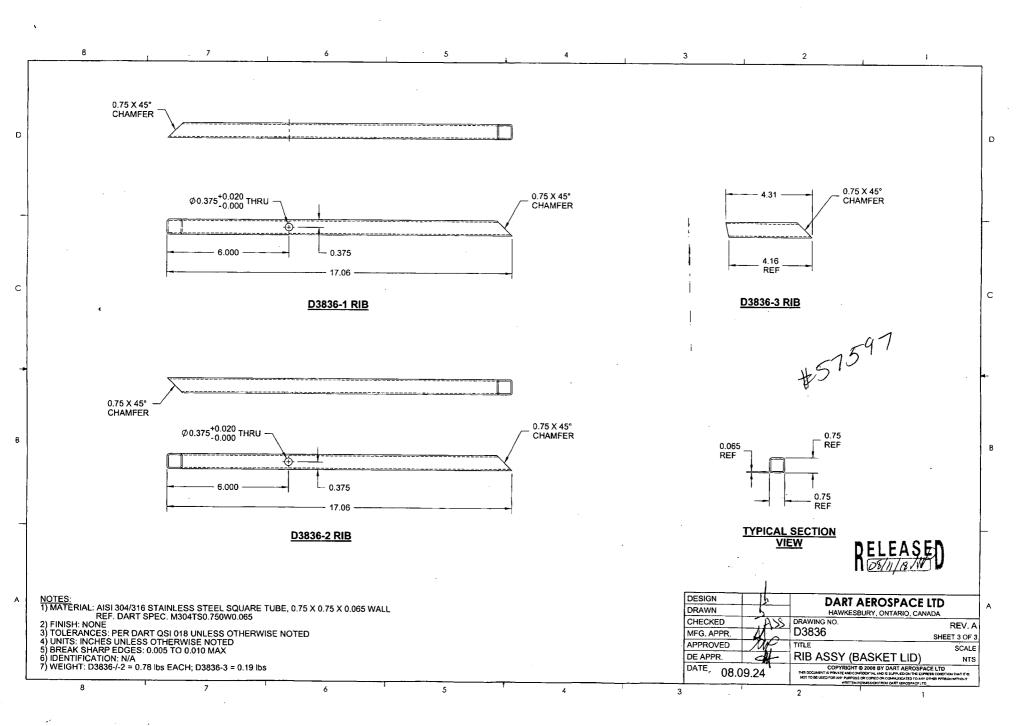


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| W/O:      |      |                                       | W                           | ORK ORDER CHANG              | ES             |                               |                          |              |
|-----------|------|---------------------------------------|-----------------------------|------------------------------|----------------|-------------------------------|--------------------------|--------------|
| DATE STEP |      | PROCEDURE CHANGE By Date Qty Chief En |                             |                              |                | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |              |
|           |      |                                       |                             |                              |                |                               |                          |              |
|           |      |                                       |                             |                              |                |                               |                          |              |
|           |      |                                       |                             |                              |                |                               |                          |              |
| ·         |      |                                       |                             |                              |                |                               |                          |              |
|           |      |                                       |                             |                              |                |                               | -                        |              |
|           |      | PAR #:                                | Fault Cate                  | gory:                        | _ NCR: Yes 1   | lo DQA:                       | Date: _                  |              |
|           |      |                                       | Disposition:                |                              |                |                               |                          |              |
| NCR:      |      | V                                     | VORK ORD                    | ER NON-CONFORMA              | ANCE (NCR)     |                               |                          | 88.70        |
| DATE      | STEP | Description of NC                     | Corrective Action Section E |                              |                | Verification                  | Approval                 | Approval     |
|           |      | Section A                             | Initial<br>Chief Eng        | Action Description Chief Eng | Sign &<br>Date | Section C                     | Chief Eng                | QC Inspector |
|           |      |                                       |                             |                              |                |                               |                          | -            |
|           |      |                                       |                             |                              |                |                               |                          |              |
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| W/O:    |      | WORK ORDER CHANGES |                      |                               |               |               |   |              |  |  |
|---------|------|--------------------|----------------------|-------------------------------|---------------|---------------|---|--------------|--|--|
| DATE    | STEP | PROCEDURE CHANGE   |                      |                               | Ву            | Date Qty      | Date Qty Approval Chief Eng / Prod Mgr QC |              |  |  |
|         |      |                    |                      |                               |               |               |   |              |  |  |
|         |      |                    |                      |                               |               |               |   |              |  |  |
|         |      |                    |                      |                               |               |               |   |              |  |  |
| Part No |      | PAR #:             |                      |                               |               |               |   |              |  |  |
|         | R    | esolution:         | Disposition          | ):                            | _ QA: N/C Clo | Closed: Date: |   |              |  |  |
| NCR:    |      | ·                  | WORK ORDE            | R NON-CONFORMA                | ANCE (NCR)    | )             |   |              |  |  |
| DATE    | STEP | Description of NC  |                      | Corrective Action Section B   |               | Verification  |   | Approval     |  |  |
|         |      | Section A          | Initial<br>Chief Eng | Action Description  Chief Eng | Sign & Date   | Section C     | Approval<br>Chief Eng                     | QC Inspector |  |  |
|         |      |                    |                      |                               |               |               |   | -            |  |  |
|         |      |                    |                      |                               |               | ,             |   |              |  |  |
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| Dart Aerospace | e Ltd |
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|----------|------|-------------------|-------------------------------------|------------------------------|-----------------------|----------------|---------------|-------|-------------------------------|--------------------------|
| W/O:     |      |                   | WO                                  | RK ORDER CHAN                | GES                   | <u> </u>       | -             |       |                               |                          |
| DATE     | STEP | PRO               | OCEDURE CHAN                        | IGE                          |                       | Ву             | Date          | Qty   | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |
|          |      |                   |                                     |                              |                       |                |               |       |                               |                          |
|          |      |                   |                                     |                              |                       |                |               |       |                               | - "                      |
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|          |      |                   |                                     |                              |                       |                |               |       |                               |                          |
| Part No: |      | PAR #:            | Fault Categ                         | ory:                         | NCR                   | : Yes N        | No DQA: Date: |       |                               |                          |
|          |      |                   |                                     |                              | QA: N/C Closed: Date: |                |               |       |                               |                          |
| NCR:     | •    |                   | WORK ORDE                           | R NON-CONFORM                | IANCE                 | (NCR)          |               |       |                               |                          |
| DATE     | STEP | Description of NC | Description of NC Corrective Action |                              |                       | Section B Ve   |               |       | Approval                      | Approval                 |
|          |      | Section A         | Initial<br>Chief Eng                | Action Description Chief Eng |                       | Sign &<br>Date | Section       | ion C | Chief Eng                     | QC Inspector             |
|          |      |                   |                                     |                              |                       |                |               |       |                               | -                        |
| ·        |      | 1                 |                                     |                              |                       |                |               |       |                               |                          |
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